

## CLAIMS

What is claimed is:

1. An access server system providing network access to a voice call, the access server system comprising:
  - an access server comprising an interface for receiving said voice call, a processor configured to manipulate said voice call to create voice data, and a port configured to provide access to said voice data;
  - a host computer comprising an operating system, the operating system comprising a telephony interface and a network interface; and
  - a device driver configured to function as an interface between said access server and said host computer;wherein said access server system is characterized in that said port is configured as a modem port such that said host computer communicates with said port via said telephony interface to make said voice data available to said network interface.
2. The access server system of claim 1 wherein said processor encapsulates said voice data in an addressable address frame.
3. The access server system of claim 2 wherein said addressable address frame is routed to said network interface via said port.

1 4. A method of transmitting data comprising the steps of:  
2 receiving data at a port of an access server, said port being configured to  
3 emulate a modem port;  
4 establishing a communications session between said port and a computer  
5 application, said computer application addressing said port as a  
6 modem port;  
7 encapsulating said data in an externally-addressable protocol frame; and  
8 providing said protocol frame to said computer application.

1 5. A device driver on a recordable medium, the device driver comprising:  
2 first programming logic configured to initiate a connection between an  
3 access device and a computer host, said connection being  
4 configured in a format compatible with an application programming  
5 interface on said computer host;  
6 second programming logic configured to establish a virtual tunnel between  
7 said access device and a network interface on said computer host  
8 in response to said connection; and  
9 third programming logic configured to interact with said access device and  
10 said computer host such that information is transported through  
11 said virtual tunnel to a remote destination.

6. A device driver in accord with claim 5, wherein said format is a modem format.
7. A device driver in accord with claim 6 wherein said information is voice information.
8. A device driver in accord with claim 5 wherein said information is voice information.

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